



## Product Information Sheet

- Product:** PRO-M VE Red Tooling Gelcoat - Spray
- Product Code:** 881-64068-PL
- Sizes:** 1, 2, 6, 10, 20kg
- Description:** PRO-M VE Red Tooling gelcoat is a high-performance tooling gelcoat based on a Vinyl Ester resin, which also provides excellent heat resistance which excellent resistance to chemicals and solvents. PRO-M VE Red Tooling gelcoat has a high gloss finish which when properly cured gives multiple releases between waxing and polishing, the minimum temperature during the cure cycle is 18°C.  
The catalyst to be used with this gelcoat is **Norox CHM50** at 2 – 2.5%, this will help to eliminate gassing associated with VE systems.
- Application:** Formulated for spray application.  
Recommended peroxide dosage is between 2.0 – 2.5% v/w.  
Film thickness (wet film) 0.55 – 0.8mm.
- Features:** Excellent atomisation and spraying characteristics.  
Excellent flow and levelling.  
Good sag resistance.  
Highly resistant to tripping/wrinkling.  
Has a high heat distortion temperature.  
Low gassing formulation – cure with Norox CHM50 at 2.0 – 2.5%  
Minimal viscosity changes during storage.  
Formulation is based on 100% Vinyl Ester.
- Benefits:** Easy application with industry standard spray equipment.  
Good consistence/control of film thickness.  
Increased tolerance to film variation.  
Excellent heat resistance.  
Reduced porosity in cured gelcoat film.  
Maintains sprayability and flow properties on storage.  
Highly durable mould surface.  
Excellent gloss retention.

### Typical Properties:

Appearance	Red thixotropic Liquid
Viscosity at 25°C	12000-17000cP
Cone Plate viscosity @ 23°C	280-330cP
Gel time – 2.0-2.5% Norox CHM50	12-16mins

Density	1.45 g/m <sup>3</sup>
Heat Deflection Temp (HDT)	115°C
Barcol Hardness	40-45

Gel times are from controlled testing completed in the laboratory, there will be a variance when the product is used in uncontrolled temperature of the work shop.

**Storage:** Store in a locked secure dangerous goods area in a tightly closed container away from any heat source, ignition source and out of direct sunlight, store below 25°C.

**Stability:** When stored correctly, when stored correctly the product is best used within 3 months of manufacture.

**Hazards:**



Flammable



Health Hazard



Irritant

**Personal Protection:**



**Enquires:** HS Composites Ltd  
 63 Hunua Road, Papakura, Auckland 2110  
 +64 (09) 295 2200  
 sales@hscomposites.co.nz  
 www.hscomposites.co.nz

**For further information check the full SDS for this product.**

Disclaimer: The information given in this data sheet is given in good faith and is believed to be valid and accurate at the time of publication. However, no responsibility is accepted for accident or injury which may occur from omissions or from information contained in the data sheet.